Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

DATASHEET
FUJITSU ESPRIMO Q1510 DESKTOP PC

THE SMALL, ENERGY-EFFICIENT ENTERTAINER FOR THE LIVING-ROOM AND THE OFFICE

ESPRIMO Q1510
The small elegant ESPRIMO Q1510 which can be personalised with a custom skin (currently for german market only) offers you all the advantages of a fully equipped ESPRIMO PC and much more besides. It has Intel® Core™ technology, full HDMI support, blu-ray drive and Microsoft® Windows® 7 operating system and is thus the ideal living-room entertainer. Whether surfing the Internet, processing pictures, listening to music or enjoying HD quality blu-ray disks – this is all possible without any problems thanks to its state-of-the-art technology. This extremely quiet device weighing only 1.4 kg makes it the energy-saver in the ESPRIMO PC series.

SMART AND STYLISH
Eye-catcher on every desk with a modern and exclusive design
- A fully equipped Mini PC weighing only 1.4 kg (1.6 liter volume)

SMALL IN STATURE, BUT BIG IN PERFORMANCE
Performance to meet all demands, in small format as well
- Intel® Core™i3 processor, up to 4 GB memory, 500 GB hard disk drive and a 6-in-1 card reader

A BLACK SHELL AND A GREEN CORE
The most energy-efficient computer of our ESPRIMO series reduces your energy consumption
- Intel® mobile technology with power consumption of 19 Watts in idle mode and extended energy management settings

ENTERTAINER
The ideal living-room PC for music, films, photos and games.
- Remote control, blu-ray drive, full HDMI support and Microsoft Windows® 7 Home Premium

Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

COMPONENTS

PROCESSOR	Intel® Core™ i5-560M processor (2 Cores / 4 Threads, 2.66 GHz, 3 MB, Intel® HD Graphics)
	Intel® Core™ i3-370M processor (2 Cores / 4 Threads, 2.40 GHz, 3 MB, Intel® HD Graphics) *
	Intel® Core™ i3-350M processor (2 Cores / 4 Threads, 2.20 GHz, 3 MB, Intel® HD Graphics) *
	Intel® Pentium® processor P6100 (2 Cores / 2 Threads, 2.0 GHz, 3 MB, Intel® HD Graphics)
	Intel® Pentium® processor P6000 (2 Cores / 2 Threads, 1.86 GHz, 3 MB, Intel® HD Graphics)
	Intel® Celeron® processor P4600 (2 Cores / 2 Threads, 2.0 GHz, 2 MB, Intel® HD Graphics)
	Intel® Celeron® processor P4500 (2 Cores / 2 Threads, 1.86 GHz, 2 MB, Intel® HD Graphics)
OPERATING SYSTEM	
Operating system optional preinstalled	Genuine Windows® 7 Starter (EM) 32-bit Genuine Windows® 7 Home Basic (EM) 32-bit Genuine Windows® 7 Home Premium
Operating system notes	Dependent on configuration Windows 7® versions are: Microsoft Office 2007 ready Microsoft Office 2010 preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite.
MEMORY MODULES	1 GB (1 module(s) 1 GB) DDR3, non-ECC, 1066 MHz, PC3-8500, SO DIMM
	2 GB (1 module(s) 2 GB) DDR3, non-ECC, 1066 MHz, PC3-8500, SO DIMM
HARD DISK DRIVES (INTERNAL)	SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.
	SATA II, 5400 rpm, 500 GB, 2.5-inch
	SATA II, 5400 rpm, 320 GB, 2.5-inch
	SATA, 5400 rpm, 250 GB, 2.5-inch
	SATA, 5400 rpm, 160 GB, 2.5-inch
Hard disk notes	Supporting NCQ and 3 GBit
DRIVES (OPTIONAL)	Blu-ray Combo SATA Slot-in slim
	DVD Super Multi Slot-in slim
INTERFACE ADD ON CARDS/COMPONENTS (OPTIONAL)	
	WLAN (IEEE 802.11b/g/n)
	Bluetooth 2.1
Base unit	ESPRIMO Q1510
MAINBOARD	
Formfactor	proprietary
Chipset	Intel® HM55
Processor socket	rPGA 988A
Processor quantity maximum	1
Memory slots	2 SO DIMM
Supported capacity RAM (max.)	4 GB
Memory frequency	1066 MHz
Memory notes	Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same In configurations with 4 GB the visible memory may be reduced to approximately 3.5 GB or less (for 32 bit operating systems, depending on system configuration)
LAN	10/100/1000 MBit/s Intel® 82577 LC
Integrated WLAN	1 (optional)
BIOS version	AMI Aptio 4.6
Audio codec	Realtek ALC662
Audio features	High Definition audio
I/O CONTROLLER ON BOARD	
Serial ATA total	3

I/O CONTROLLER ON BOARD	
thereof eSATA	1 (external on rear side)
Controller functions	Serial ATA II 3 GBit AHCI
INTERFACES	
Audio: line-in	1
Audio: line-in / microphone	1
Audio: line-out / headphones / SPDIF	1 (optical)
USB 2.0 total	6
USB front	2
USB rear	4
VGA	1 (via DVI to VGA-Adapter)
DVI	1
HDMI	1
Ethernet (RJ-45)	1
Kensington Lock support	1
Multicardreader	6-in-1 (SD/MMC/RS MMC/xD/MS/MS Pro)
eSATA	1
Interface Module notes	Anytime USB charge functionality
INPUT DEVICE / COMPONENTS	
	Optical USB tilt wheel mouse Remote control
DRIVE BAYS	
Drive bays total	2
2.5-inch bays	1
5.25-inch external bays	1
Drive bay notes	slim slot-in
GRAPHICS ON BOARD	
Graphics brand name	Intel® HD Graphics
Refresh rate 1024 x 768 (recommended / max.)	75 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	75 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	75 Hz / -
TFT resolution (VGA)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (HDMI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
Graphics features	DirectX® 10 support HDCP support

ELECTRICAL VALUES	
Operating voltage range	100 - 240 V (AC Input)
Max. output of single power supply	external
POWER CONSUMPTION	
Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=26a17bce-f6eb-4270-9168-1ed5503a0287
HEAT DISSIPATION	
Heat dissipation notes	See white paper Energy Consumption
NOISE FOR STANDARD CONFIGURATION (HDD, ODD, FDD)	
Noise emission	According to ISO9296
Noise Operation mode 1: ODD load (Blue angel requirement)	4.4 B / 30 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	3.4 B / 19 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	4.4 B / 31 dB(A)
Noise Operation mode 4: High load	4.4 B / 30 dB(A)
Noise Operation mode 5: Office applications	3.4 B / 19 dB(A)
Idle mode (Blue Angel requirement)	3.4 B / 19 dB(A)
Noise notes / description	Noise for standard configuration CPU, HDD, ODD; A weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A)), (bystander position) (ISO9296)
DIMENSIONS / WEIGHT / ENVIRONMENTAL	
Dimensions (W x D x H)	165 x 168 x 57 mm
Weight	approx. 1.4 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35°C
COMPLIANCE	
Product	ESPRIMO Q1510
Model	MPC-D1008
Europe	CE EN 60601-1-2
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 5.0 EPEAT® Silver
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
ADDITIONAL SOFTWARE	
Additional software (preinstalled)	Nero Essentials S (burning software)
Additional software (optional)	CyberLink PowerDVD BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive / Blu-ray playback is not supported under Windows XP if the system runs on Intel onboard graphics) Nero 9 Essentials XL
Additional software (included as a CD/ DVD)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD)
COMPATIBILITY (REFERENCES)	
	DMI 2.0 PC 2001 WMI 1.5 USB 2.0 SMBIOS
SECURITY	
Physical security	Kensington Lock support
System security	Boot sector virus protection
User security	Optional: Access protection via external SmartCard reader

PACKAGING INFORMATION	
Packaging dimension	395x198x284 mm
Max. quantity / pallet	48
Material - Weight (g) Carton	670g
Material - Weight (g) EPS / PS	appr. 10 g
Material - Weight (g) PE	appr. 125 g
Packaging notes	printed user documentation is bleached in chlorin free process

WARRANTY	
Standard Warranty	1 year
Service level	Collect & Return / Bring-in Service / Send-in Service (depending on country)

MAINTENANCE AND SUPPORT SERVICES - THE PERFECT EXTENSION	
Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	3 years
Service Weblink	http://ts.fujitsu.com/Supportservice

Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu ESPRIMO Q1510, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

MORE INFORMATION

Learn more about Fujitsu ESPRIMO Q1510, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. http://ts.fujitsu.com/ESPRIMO

FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at http://www.fujitsu.com/global/about/environment/

COPYRIGHTS

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.
Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions

DISCLAIMER

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner

CONTACT

FUJITSU Technology Solutions
Website: http://ts.fujitsu.com
2010-09-30 CE-EN